12-3-01

1600

RAW SEQUENCE LISTING DATE: 12/03/2001 PATENT APPLICATION: US/09/529,121A TIME: 12:52:42

Input Set : A:\20264266US1.txt

Pi (5 ambel

Output Set: N:\CRF3\11212001\I529121A.raw

ENTERED

```
3 <110> APPLICANT: SCHLOM, JEFFREY
              BARZAGA, ELENE
      4
              ZAREMBA, SAM
      7 <120> TITLE OF INVENTION: AGONIST AND ANTAGONIST PEPTIDES OF CARCINOEMBRYONIC ANTIGEN
(CEA)
      9 <130> FILE REFERENCE: 2026-4266US1
    11 <140> CURRENT APPLICATION NUMBER: US 09/529,121A
    12 <141> CURRENT FILING DATE: 2000-06-13
    14 <150> PRIOR APPLICATION NUMBER: PCT/US98/19794
    15 <151> PRIOR FILING DATE: 1998-09-22
    17 <150> PRIOR APPLICATION NUMBER: US60/061,589
    18 <151> PRIOR FILING DATE: 1997-10-10
     20 <160> NUMBER OF SEQ ID NOS: 12
     22 <170> SOFTWARE: PatentIn Ver. 2.1
     24 <210> SEQ ID NO: 1
    25 <211> LENGTH: 9
     26 <212> TYPE: PRT
    27 <213> ORGANISM: Homo sapiens
     29 <400> SEQUENCE: 1
    30 Tyr Leu Ser Gly Ala Asn Leu Asn Leu
     31 1
    34 <210> SEQ ID NO: 2
    35 <211> LENGTH: 9
    36 <212> TYPE: PRT
    37 <213> ORGANISM: Homo sapiens
    39 <400> SEQUENCE: 2
    40 Tyr Leu Ser Gly Ala Asp Leu Asn Leu
    41 1
                          5
    44 <210> SEQ ID NO: 3
    45 <211> LENGTH: 9
    46 <212> TYPE: PRT
    47 <213> ORGANISM: Homo sapiens
    49 <400> SEQUENCE: 3
    50 Tyr Leu Ser Gly Ala Asp Ile Asn Leu
    51 1
    54 <210> SEQ ID NO: 4
    55 <211> LENGTH: 9
    56 <212> TYPE: PRT
    57 <213> ORGANISM: Homo sapiens
    59 <400> SEQUENCE: 4
    60 Tyr Leu Ser Gly Ala Asn Ile Asn Leu
    61 1
    64 <210> SEQ ID NO: 5
    65 <211> LENGTH: 9
    66 <212> TYPE: PRT
    67 <213> ORGANISM: Homo sapiens
    69 <400> SEQUENCE: 5
```

70 Tyr Leu Ser Gly Ala Cys Leu Asn Leu

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/529,121A

DATE: 12/03/2001
TIME: 12:52:42

Input Set : A:\20264266US1.txt

Output Set: N:\CRF3\11212001\I529121A.raw

```
71 1
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 27
76 <212> TYPE: DNA
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 6
                                                                      27
80 tacctttcgg gagcgaacct caacctc
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 27
85 <212> TYPE: DNA
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 7
                                                                      27
89 tacctttcgg gagcggacct caacctc
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 27
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 8
                                                                      27
98 tacctttcgg gagcggacat caacctc
101 <210> SEQ ID NO: 9
102 <211> LENGTH: 9
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 9
107 Tyr Leu Asn Val Gln Asp Leu Asn Leu
108 1
111 <210> SEQ ID NO: 10
112 <211> LENGTH: 9
113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 10
117 Tyr Leu His Asp Pro Glu Phe Asn Leu
                      5
    1
118
121 <210> SEQ ID NO: 11
122 <211> LENGTH: 27
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 11
                                                                       27
127 tacctttcgg gagcgaacat caacctc
130 <210> SEQ ID NO: 12
131 <211> LENGTH: 27
132 <212> TYPE: DNA
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 12
                                                                       27
136 tacctttcgg gagcgtgtct caacctc
```

VERIFICATION SUMMARY

DATE: 12/03/2001 TIME: 12:52:43

PATENT APPLICATION: US/09/529,121A

Input Set : A:\20264266US1.txt
Output Set: N:\CRF3\11212001\I529121A.raw